

Christmas Weather Facts for Waterloo

There have been 21 Christmas Days out of 114 years that have had measurable snowfall in Waterloo since 1895 – giving the chance of occurrence at 18%.

There have been 40 Christmas Days out of 114 years that have had a trace of snow or more in Waterloo since 1895 – giving the chance of occurrence at 35%.

There have been 66 Christmas Days out of 114 years that have had an inch or more of snow on the ground in Waterloo since 1895 – giving the chance of occurrence at 58%.

The Top 10 Snowiest Christmas Days since 1895 include:

1. 7.0 inches in 1951
2. 4.7 inches in 1945
3. 4.0 inches in 1996
4. 3.0 inches in 1957
5. 2.0 inches in 1903
6. 1.5 inches in 1935 and 1993
8. 1.4 inches in 1962
9. 1.2 inches in 1910
10. 1.1 inches in 1967

The Top 10 Years with Deepest Snow Cover on Christmas Day for Waterloo since 1950:

| <u>Year</u> | <u>Snow Depth</u> |
|---------------------|-------------------|
| 1951 | 14 inches |
| 2000 | 13 inches |
| 1909 and 2008 | 12 inches |
| 1961 | 11 inches |
| 1934 | 10 inches |
| 1942, 1969 and 1985 | 9 inches |
| 1925 and 1983 | 8 inches |

Weather for the Past 10 Christmas Days in Waterloo:

| <u>Year</u> | <u>High</u> | <u>Low</u> | <u>Precipitation</u> | <u>Snowfall</u> |
|-------------|-------------|------------|----------------------|-----------------|
| 2008 | 29 | -11 | .05 | T |
| 2007 | 39 | 18 | .00 | .00 |
| 2006 | 32 | 21 | .00 | .00 |
| 2005 | 35 | 32 | T | T |
| 2004 | 29 | 16 | .04 | .90 |
| 2003 | 43 | 10 | .00 | .00 |
| 2002 | 24 | 8 | T | T |
| 2001 | 20 | 9 | T | T |
| 2000 | 9 | -29 | .00 | .00 |
| 1999 | 41 | 13 | .00 | .00 |

Waterloo Normals for Christmas Day:

| | |
|--------------------------|-------------|
| Normal High Temperature: | 27 |
| Normal Low Temperature: | 10 |
| Normal Precipitation: | 0.03 inches |
| Normal Snowfall: | 0.4 inches |

Waterloo Records for Christmas Day:

| | |
|--------------------------|-------------|
| Record High Temperature: | 58 in 1936 |
| Record Low Temperature: | -29 in 2000 |

For the Past 115 Years...Number of Days with a High of:

| | |
|----------------------|---------|
| -10 to -1 Degrees... | 2 days |
| 0 to 9 Above | 6 days |
| 10 to 19 Above | 17 days |
| 20 to 29 Above | 33 days |
| 30 to 39 Above | 37 days |
| 40 to 49 Above | 14 days |
| 50 to 59 Above | 5 days |
| 60 Above or greater | 0 days |